



Atty. Dkt. No. 071949-5604

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Buechler et al.

Title: USE OF THROMBUS
PRECURSOR PROTEIN AND
MONOCYTE
CHEMOATTRACTANT
PROTEIN AS DIAGNOSTIC AND
PROGNOSTIC INDICATORS IN
VASCULAR DISEASES

CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450, on the date below. <u>DIANE GARCIA</u> (Printed Name) <u>Diane Garcia</u> (Signature) <u>2/24/04</u> (Date of Deposit)

Appl. No.: 10/728,067

Filing Date: December 3, 2003

Examiner: Unassigned

Art Unit:

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

Applicants submit herewith on Form PTO-1449 a listing of the documents cited by or submitted to the U.S. PTO in parent application Serial No. 10/330,696, filed 12/23/2002. As provided in 37 CFR §1.98(d), copies of the documents are not being provided since they were previously submitted to the United States Patent & Trademark Office in the above-identified parent application.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to

antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the filing date of the application.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-0872. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-0872.

Respectfully submitted,

Date 2/23/04

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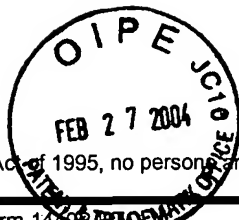
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By Barry Wilson

Barry S. Wilson

Attorney for Applicant

Registration No. 39,431



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Substitute for form 1449b, PTO Form 1001

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**Date Submitted: April 14, 2003

(use as many sheets as necessary)

Sheet 1 of 27**Complete if Known**

Application Number	10/330,696
Filing Date	12/23/2002
First Named Inventor	Kenneth F. Buechler
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	071949-5602

U.S. PATENT DOCUMENTS

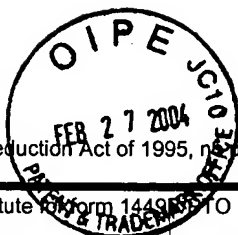
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A1	6,156,521		Buechler et al.	12/05/00	
	A2	6,147,688		Clair	11/14/00	
	A3	6,143,576		Buechler	11/07/00	
	A4	6,113,855		Buechler	09/05/00	
	A5	6,019,944		Buechler	02/01/00	
	A6	5,985,579		Buechler et al.	11/16/99	
	A7	5,955,377		Maul et al.	09/21/99	
	A8	5,947,124		Buechler et al.	09/07/99	
	A9	5,939,272		Buechler et al.	08/17/99	
	A10	5,922,615		Nowakowski et al.	07/13/99	
	A11	5,885,527		Buechler	03/23/99	
	A12	5,851,776		Valkirs	12/22/98	
	A13	5,843,690		Gargan	12/01/98	
	A14	5,824,799		Buechler et al.	10/20/98	
	A15	5,795,725		Buechler et al.	08/18/98	
	A16	5,679,526		Buechler et al.	10/21/97	
	A17	5,631,171		Sandstrom et al.	05/20/97	
	A18	5,525,524		Buechler et al.	06/11/96	
	A19	5,480,792		Buechler et al.	01/02/96	
	A20	5,453,359		Gargan	09/26/95	

Examiner
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute Form 1449, PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/330,696
Date Submitted: April 14, 2003		Filing Date	12/23/2002
(use as many sheets as necessary)		First Named Inventor	Kenneth F. Buechler
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet	2 of 27	Attorney Docket Number	071949-5602

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	B1	EPO	999447A1					
	B2	WO	01/16599 A1					

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	C1	Aggarwal et al., "Evaluation of serum lipid profile and cardiac enzyme changes in cerebrovascular accidents," <i>JIMA</i> , 93:331-332 (1995).	
	C2	Akiyama et al., "Changes in serum concentrations of matrix metalloproteinases, tissue inhibitors of metallo proteinases and Type IV collagen in patients with various types of glomerulonephritis," <i>Res. Commun. In Mol. Path. and Pharm.</i> , 95(2): 115-128 (1997).	
	C3	Albrechtsen, M. and Bock, E. J., "Quantification of Glial Fibrillary Acidic Protein (GFAP) in Human Body Fluids by means of ELISA Employing a Monoclonal Antibody," <i>Neuroimmunol.</i> 8:301-309 (1985).	
	C4	Amaro, A. et al., "Plasma leukocyte elastase concentration in angiographically diagnosed coronary artery disease," <i>Eur. Heart J.</i> 16:615-622 (1995).	
	C5	Ardissino, D. et al., "Tissue-factor antigen and activity in human coronary atherosclerotic plaques," <i>Lancet</i> 349:769-771 (1997).	
	C6	Asano, Y. et al., "Clinical Significance of surfactant protein D as a serum marker of evaluating pulmonary fibrosis in patients with systemic sclerosis," <i>Arthritis Rheum</i> 44(6):1363-9 (June 2001).	
	C7	Austgulen et al., "Increased maternal plasma levels of soluble adhesion molecules (ICAM-1, VCAM-1, E-selectin) in preclampsia," <i>Eur. J. Obstet. Gynecol. Reprod. Biol.</i> , 71:53-58 (1997).	
	C8	Badr-elDin et al., "Eosinophil cationic protein as a serological marker of disease activity in childhood bronchial asthma," <i>East Mediterr. Health J.</i> 5:664-75 (1999).	
	C9	Baker, T. et al., "Serum metalloproteinases and their inhibitors: markers for malignant potential," <i>Br. J. Cancer</i> 70:506-512 (1994).	

Examiner Signature		Date Considered	
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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/330,696
Date Submitted: April 14, 2003		Filing Date	12/23/2002
(use as many sheets as necessary)		First Named Inventor	Kenneth F. Buechler
Sheet 3 of 27		Group Art Unit	Unassigned
		Examiner Name	Unassigned
		Attorney Docket Number	071949-5602

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	C10	Balogopalakrishna, C. <i>et al.</i> , "Modification of low density lipoproteins by erythrocytes and hemoglobin under hypoxic conditions, <i>Adv. Exp. Med. Biol.</i> 411:337-345 (1997).	
	C11	Bandoh <i>et al.</i> , "Sequential changes of KL-6 in sera of patients with interstitial pneumonia associated with polymyositis/dermatomyositis," <i>Ann. Rheum. Dis.</i> 59:257-62 (2000).	
	C12	Banks <i>et al.</i> , "Circulating intercellular adhesion molecule-1 (ICAM-1), E-selectin and vascular cell adhesion molecule-1 (VCAM-1) in human malignancies," <i>Br. J. Cancer</i> 68:122-124 (1993).	
	C13	Bates <i>et al.</i> , "Neurotrophin-3 promotes cell death induced in cerebral ischemia, oxygen-glucose deprivation, and oxidative stress: possible involvement of oxygen free radicals," <i>Neurobiology of Disease</i> 24-37 (2002).	
	C14	Bayes-Genis, A. <i>et al.</i> , "Elevated levels of plasmin- α 2 antiplasmin complexes in unstable angina," <i>Thromb. Haemost.</i> 81:865-68 (1999).	
	C15	Bazzan, M. <i>et al.</i> , "No evidence of platelet activation during atrial pacing in subjects with stable angina," <i>Cardiologia</i> 34:217-220 (1989).	
	C16	Benamer <i>et al.</i> , "Comparison of the prognostic value of C-reactive protein and troponin I in patients with unstable angina pectoris," <i>Am. J. Cardiol.</i> , 82:845-850 (1998).	
	C17	Bertinchant, J.P. <i>et al.</i> , "Release kinetics of serum cardiac troponin I in ischemic myocardial injury," <i>Clin. Biochem.</i> 29:587-594 (1996).	
	C18	Bialik <i>et al.</i> , "Myocyte apoptosis during acute myocardial infarction in the mouse localizes to hypoxic regions but occurs independently of p53," <i>J. Clin. Invest.</i> 100(6): 1363-1372 (1997).	
	C19	Biasucci <i>et al.</i> , "Episodic activation of the coagulation system in unstable angina does not elicit an acute phase reaction," <i>Am. J. of Cardiol.</i> 77:85-87 (1996).	
	C20	Biasucci, L.M. <i>et al.</i> , "Temporal relation between ischemic episodes and activation of the coagulation system in unstable angina," <i>Circulation</i> 93:2121-2127 (1996).	
	C21	Biasucci <i>et al.</i> , "Elevated levels of interleukin-6 in unstable angina," <i>Circulation</i> 94:874-877 (1996).	
	C22	Biasucci <i>et al.</i> , "Increasing levels of interleukin (IL)-1Ra and IL-6 during the first 2 days of hospitalization in unstable angina are associated with increased risk of in-hospital coronary events," <i>Circulation</i> 99:2079-2084 (1999).	

Examiner Signature	Date Considered
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/330,696
Date Submitted: April 14, 2008		Filing Date	12/23/2002
(use as many sheets as necessary)		First Named Inventor	Kenneth F. Buechler
Sheet 4 of 27		Group Art Unit	Unassigned
		Examiner Name	Unassigned
		Attorney Docket Number	071949-5602

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	C23	Bitsch et al., "A longitudinal prospective study of soluble adhesion molecules in acute stroke," <i>Stroke</i> , 29:2129-2135 (1998).	
	C24	Blankaert et al., "Constitutive release of metalloproteinase-9 (92-kd Type IV collagenase) by Kaposi's sarcoma cells," <i>J. Acquir. Immune Defic. Syndr. Hum. Retrovirol.</i> 18:203-209 (1998).	
	C25	Blann et al., "Soluble intercellular adhesion molecule-1, E-selectin, vascular cell adhesion molecule-1 and von Willebrand factor in stroke," <i>Blood Coagul. Fibrinolysis</i> 10:277-284 (1999).	
	C26	Blann, A.D. et al., "Evidence of platelet activation in hypertension," <i>Thromb. Haemost.</i> 77:1077-1080 (1997).	
	C27	Blann, A.D. et al., "Soluble P-selectin in atherosclerosis: a comparison with endothelial cell and platelet markers," <i>J. Hum. Hypertens.</i> 11:607-609 (1997).	
	C28	Bonfrer et al., "The luminescence immunoassay S-100: a sensitive test to measure circulating S-100B: its prognostic value in malignant melanoma," <i>Brit. Jour. of Cancer</i> 77(12): 2210-2214 (1998).	
	C29	Bollensen et al., "Adenylate kinase enzyme activity in cases of brain infarction," <i>Acta Neurol. Scand.</i> 79:53-58 (1989).	
	C30	Bonomini, M. et al., "Serum levels of soluble adhesion molecules in chronic renal failure and dialysis patients," <i>Nephron</i> 79:399-407 (1998).	
	C31	Bonow, "New insights into the cardiac natriuretic peptides," <i>Circulation</i> 93:1946-1950 (1996).	
	C32	Bossnik et al., "Plasma levels of the chemokines monocyte chemotactic proteins-1 and -2 are elevated in human sepsis," <i>Blood</i> 86(10): 3841-3847 (1995).	
	C33	Bousquet et al., "Eosinophilic inflammation in asthma," <i>New Engl. J Med.</i> 323:1033-9 (1990).	
	C34	Bowen-Pope, D.F. et al., "Platelet-derived growth factor in vivo: levels, activity, and rate of clearance," <i>Blood</i> 64:458-469 (1984).	
	C35	Brooks and Ergul, "Identification of amino acid residues in the C-terminal tail of big endothelin-1 involved in processing to endothelin-1," <i>J. Mol. Endocrinol.</i> 21:307-15 (1998).	
	C36	Brown, D.L. et al., "Identification of 92-kd gelatinase in human coronary atherosclerotic lesions," <i>Circulation</i> 91:2125-2131 (1995).	

Examiner Signature		Date Considered	
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Date Submitted: April 14, 2003		Filing Date	12/23/2002
(use as many sheets as necessary)		First Named Inventor	Kenneth F. Buechler
Sheet 5 of 27		Group Art Unit	Unassigned
		Examiner Name	Unassigned
		Attorney Docket Number	071949-5602

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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	C37	Caligiuri et al., "Immune system activation follows inflammation in unstable angina: pathogenetic implications," <i>J. Am. Coll. Cardiol.</i> 32:1295-1304 (1998).	
	C38	Carlstedt et al., "Proinflammatory cytokines, measured in a mixed population on arrival in the emergency department, are related to mortality and severity of disease," <i>Journal of Internal Medicine</i> 242:361-365 (1997).	
	C39	Carraro, U. and Franceschi, C., "Apoptosis of skeletal and cardiac muscles and physical exercise," <i>Aging (Milano)</i> 9:19-34 (1997).	
	C40	Carter et al., "Platelet GP IIIa P1A and GP Ib variable number tandem repeat polymorphisms and markers of platelet activation in acute stroke," <i>Arterioscler. Thromb. Vasc.</i> 18:1124-1131 (1998).	
	C41	Carter et al., "Purification, cloning, expression and biological characterization of an interleukin-1 receptor antagonist protein," <i>Nature</i> 344:633-638 (1990).	
	C42	Carville, D.G. et al., "Thrombus precursor protein (TpP™): marker of thrombosis early in the pathogenesis of myocardial infarction," <i>Clin. Chem.</i> 42:1537-1541 (1996).	
	C43	Catto et al., "von Willebrand factor and factor VIII: C in acute cerebrovascular disease," <i>Thromb. Haemost.</i> 77:1104-8 (1997).	
	C44	Chong, B.H. et al., "Plasma P-selectin is increased in thrombotic consumptive platelet disorders," <i>Blood</i> 83:1535-1541 (1994).	
	C45	Colucciello, S.A., <i>EMR Textbook</i> , pp. 1-23 http://www.thrombosis-consult.com/articles/Texbook/54_pulmonary , printed 11/04/2002	
	C46	Cohen, A.M. et al., "Plasma clearance and tissue distribution of recombinant human platelet-derived growth factor (B-chain homodimer) in rats," <i>J. Surg. Res.</i> 49:447-452 (1990).	
	C47	Crouch, "Surfactant protein-D and pulmonary host defense," <i>Respir. Res.</i> 1: 93-108 (2000).	
	C48	Curzen et al., "Can C reactive protein or troponins T and I predict outcome in patients with intractable unstable angina?" <i>Heart</i> 80:23-27 (1998).	
	C49	D'Astou, M., "Diastolic Heart Failure," <i>Persp. In Cardiology</i> pp. 30-37 (May 2002).	
	C50	Dangas et al., "Correlation of serum lipoprotein(a) with the angiographic and clinical presentation of coronary artery disease," <i>Am. J. Cardiol.</i> 83:583-585 (1999).	

Examiner Signature	Date Considered
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Date Submitted: April 14, 2003		Filing Date	12/23/2002
(use as many sheets as necessary)		First Named Inventor	Kenneth F. Buechler
Sheet 6 of 27		Group Art Unit	Unassigned
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		Attorney Docket Number	071949-5602

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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	C51	Dao <i>et al.</i> , "Utility of B-Type Natriuretic Peptide in the Diagnosis of Congestive Heart Failure in an Urgent-Care Setting," <i>J. Am. Coll. Cardiol.</i> 37:379-85 (2001).	
	C52	Davi, G. <i>et al.</i> , "Increased levels of soluble P-selectin in hypercholesterolemic patients," <i>Circulation</i> 97:953-957 (1998).	
	C53	Davidson <i>et al.</i> , "C-type natriuretic peptide," <i>Circulation</i> 93:1155-9 (1996).	
	C54	Davie <i>et al.</i> , "The coagulation cascade: initiation, maintenance and regulation," <i>Biochemistry</i> 30(43): 10363-10370 (1991).	
	C55	De Caterina, R. <i>et al.</i> , "Platelet activation in angina at rest. Evidence by paired measurement of plasma beta-thromboglobulin and platelet factor 4*," <i>Eur. Heart J.</i> 9:913-922 (1988).	
	C56	De Rose <i>et al.</i> , "Circulating adhesion molecules in cystic fibrosis," <i>Am. J. Respir. Crit. Care Med.</i> 157: 1234-1239 (1998).	
	C57	Depre, C. <i>et al.</i> , "Expression of inducible nitric oxide synthase in human coronary atherosclerotic plaque," <i>Cardiovasc. Res.</i> 41:465-472 (1999).	
	C58	Diller, M.P. <i>et al.</i> , "Congestive Heart Failure Due to Diastolic or Systolic Dysfunction," <i>Arch Fam Med.</i> 8:414-420 (1999).	
	C59	Dinerman, J.L. <i>et al.</i> , "Increased neutrophil elastase release in unstable angina pectoris and acute myocardial infarction," <i>J. Am. Coll. Cardiol.</i> 15:1559-1563 (1990).	
	C60	Doubell, A.F. <i>et al.</i> , "Identification and immunolocalisation of annexins V and VI, the major cardiac annexins, in rat heart," <i>Cardiovasc. Res.</i> 27:1359-1367 (1993).	
	C61	Dunlop, L.C. <i>et al.</i> , "Characterization of GMP-140 (P-selectin) as a circulating plasma protein," <i>J. Exp. Med.</i> 175:1147-1150 (1992).	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/330,696
Date Submitted: April 14, 2003		Filing Date	12/23/2002
(use as many sheets as necessary)		First Named Inventor	Kenneth F. Buechler
Sheet 7 of 27		Group Art Unit	Unassigned
		Examiner Name	Unassigned
		Attorney Docket Number	071949-5602

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	C65	Emsley et al., "Crystal structure of the von Willebrand factor A1 domain and implications for the binding of platelet glycoprotein Ib," <i>Journal of Biological Chemistry</i> 273(17): 10396-10401, (1998).	
	C66	Endo et al., "Elevated levels of serum and plasma metalloproteinases in patients with gastric cancer," <i>Anticancer Research</i> 17:2253-2258 (1997).	
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	C69	Ertenli, I. et al., "P-selectin as a circulating molecular marker in rheumatoid arthritis with thrombocytosis," <i>J. Rheumatol.</i> 25:1054-1058 (1998).	
	C70	Estrada et al., "High plasma levels of endothelin-1 and atrial natriuretic peptide in patients with acute ischemic stroke," <i>Am. J. of Hypertension</i> 7(12):1085-1089 (1994).	
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	C77	Forssmann et al., "The endocrine heart and natriuretic peptides: histochemistry, cell biology, and functional aspects of the renal urodilatin system," <i>Histochem Cell Biol</i> 110: 335-357 (1998).	
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Sheet 9 of 27

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	C111	Haznedaroglu, I.C. <i>et al.</i> , "Selectins and IL-6 during the clinical course of idiopathic thrombocytopenic purpura," <i>Acta Haematol.</i> 101:16-20 (1999).	
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	C114	Hirashima et al., "Elevation of platelet activating factor, inflammatory cytokines, and coagulation factors in the internal jugular vein of patients with subarachnoid hemorrhage," <i>Neurochem. Res.</i> 22: 1249-1255 (1997).	
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	C116	Hoffmeister, H.M. <i>et al.</i> , "Correlation between coronary morphology and molecular markers of fibrinolysis in unstable angina pectoris," <i>Atherosclerosis</i> 144:151-157 (1999).	
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	C124	Iizasa, T. <i>et al.</i> , "Elevated levels of circulating plasma matrix metalloproteinase 9 in non-small cell lung cancer patients," <i>Clin. Cancer Res.</i> 5:149-153 (1999).	
	C125	Ikeda, H. <i>et al.</i> , "Increased soluble form of P-selectin in patients with unstable angina," <i>Circulation</i> 92:1693-1696 (1995).	
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		Filing Date	12/23/2002
		First Named Inventor	Kenneth F. Buechler
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet 13 of 27	Attorney Docket Number	071949-5602	

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	C142	Katayama, M. <i>et al.</i> , "Soluble P-selectin is present in normal circulation and its plasma level is elevated in patients with thrombotic thrombocytopenic purpura and haemolytic uraemic syndrome," <i>Br. J. Haematol.</i> 84:702-710 (1993).	
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	C145	Kaye, D.M. <i>et al.</i> , "The failing human heart does not release nitrogen oxides," <i>Life Sci.</i> 62:883-887 (1998).	
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	C149	Kikuchi, T. <i>et al.</i> , "Clinical evaluation of serum S100 _{ao} protein in patients with urogenital diseases and healthy volunteers," <i>Hinyokika Kiyo</i> 36:1117-1123 (1990).	
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Group Art Unit	Unassigned
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	C154	Kohno, "Serum marker KL-6/MUC1 for the diagnosis and management of interstitial pneumonitis," <i>J. Med. Invest.</i> 46:151-58 (1999).	
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	C168	Lai, R.S. et al., "Evaluation of cytokeratin 19 fragment (CYFRA 21-1) as a tumor marker in malignant pleural effusion," <i>Jpn J Clin Oncol</i> 29(9):421-4 (Sep 1999).	
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	C181	Liuzzo et al., "Plasma protein acute-phase response in unstable angina is not induced by ischemic injury," <i>Circulation</i> 94:2373-2380 (1996).	
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	C184	Lundergan et al., "Clinical investigations: acute ischemic heart disease," <i>Am. Heart J.</i> 144:456-62 (2002).	
	C185	MacManus, J.P. et al., "Glycogen phosphorylase isoenzyme BB to diagnose ischaemic myocardial damage," <i>J. Cereb. Blood Flow Metab.</i> 19:502-510 (1999).	
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	C187	Mair, J. et al., "Early release of glycogen phosphorylase in patients with unstable angina and transient ST-T alterations," <i>Br. Heart J.</i> 72:125-127 (1994).	
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	C194	Manten, A. et al., "Procoagulant and proinflammatory activity in acute coronary syndromes," <i>Cardiovasc. Res.</i> 40:389-395 (1998).	

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	C195	Martens et al., "Serum S-100 and neuron-specific enolase for prediction of regaining consciousness after global cerebral ischemia," <i>Stroke</i> , 29: 2363-2366 (1998).	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/330,696
Date Submitted: <u>April 14, 2003</u>		Filing Date	12/23/2002
(use as many sheets as necessary)		First Named Inventor	Kenneth F. Buechler
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet	19	of	27
		Attorney Docket Number	071949-5602

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	C221	Nishiyama et al., "Simultaneous elevation of the levels of circulating monocyte chemoattractant protein-1 and tissue factor in acute coronary syndromes," <i>Jpn. Circ. J.</i> 62:710-712 (1998).	
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Sheet 21 of 27

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First Named Inventor	Kenneth F. Buechler
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	071949-5602

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(use as many sheets as necessary)		First Named Inventor	Kenneth F. Buechler
Sheet 25 of 27		Group Art Unit	Unassigned
		Examiner Name	Unassigned
		Attorney Docket Number	071949-5602

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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	C299	Tietz Textbook of Clinical Chemistry, 2nd edition, Carl Burtis and Edward Ashwood eds., W.B. Saunders and Company, p. 496.	
	C300	Tohgi et al., "Coagulation-fibrinolysis abnormalities in acute and chronic phases of cerebral thrombosis and embolism," <i>Stroke</i> 21: 1663-1667 (1990).	
	C301	Tomoda, H. and Aoki, N., "Plasma soluble P-selectin in acute myocardial infarction: effects of coronary recanalization therapy," <i>Angiology</i> 49:807-813 (1998).	
	C302	Tousoulis et al., "Von Willebrand factor in patients evolving Q-wave versus non-Q-wave acute myocardial infarction," <i>Int. J. Cardiol.</i> 56:259-262 (1996).	
	C303	Trotter et al., "Immunoreactive myelin proteolipid protein-like activity in cerebrospinal fluid and serum of neurologically impaired patients," <i>Ann. Neurol.</i> , 14: 554-558 (1983).	
	C304	Tsuji, R. et al., "Human heart-type cytoplasmic fatty acid-binding protein in serum and urine during hyperacute myocardial infarction," <i>Int. J. Cardiol.</i> 41:209-217 (1993).	
	C305	Uchiyama et al., "Alterations of platelet, coagulation, and fibrinolysis markers in patients with acute ischemic stroke," <i>Semin. Thromb. Hemost.</i> 23: 535-541 (1997).	
	C306	Ushiyama, S. et al., "Structural and functional characterization of monomeric soluble P-selectin and comparison with membrane P-selectin," <i>J. Biol. Chem.</i> 268:15229-15237 (1993).	
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	C308	Usui, A. et al., "Neural tissue-related proteins (NSE, G _o α, 28-kDa calbindin-D, S100b and CK-BB) in serum and cerebrospinal fluid after cardiac arrest," <i>J. Neurol. Sci.</i> 123:134-139 (1994).	
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	C311	van den Dorpel, M.A. et al., "Low-density lipoprotein oxidation is increased in kidney transplant recipients," <i>Transpl. Int.</i> 9 Suppl. 1:S54-S57 (1996).	
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	C313	Veerkamp, J.H. and Maatman, R.G., "Cytoplasmic fatty acid-binding proteins: their structure and genes," <i>Prog. Lipid Res.</i> 34:17-52 (1995).	
	C314	Venge, "Surrogate markers for monitoring inflammation in asthma," <i>Clinical and experimental allergy</i> , 23 (2):3-7 (1993).	
	C315	Viera <i>et al.</i> , "Isolation and expression of human cytokine synthesis inhibitory factor cDNA clones: homology to Epstein-Barr virus open reading frame BCRF1," <i>Proc. Natl. Acad. Sci. USA</i> 88:1172-76 (1991).	
	C316	Virchow <i>et al.</i> , "Sputum ECP levels correlate with parameters of airflow obstruction," <i>Am. Rev. Respir. Dis.</i> 146:604-6 (1992).	
	C317	Wallace, J.M. <i>et al.</i> , "The assessment of platelet derived growth factor concentration in post myocardial infarction and stable angina patients," <i>Ann. Clin. Biochem.</i> 35:236-241 (1998).	
	C318	Ward <i>et al.</i> , "Binding activities of a repertoire of single immunoglobulin variable domains secreted from <i>Escherichia coli</i> ," <i>Nature</i> 341:544-546 (1989).	
	C319	Whicher <i>et al.</i> , "Procalcitonin as an acute phase marker," <i>Ann. Clin. Biochem.</i> 38: 483-93 (2001).	
	C320	Wilkins <i>et al.</i> , "The natriuretic-peptide family," <i>Lancet</i> , 349:1307-1310 (1997).	
	C321	Wilson <i>et al.</i> , "Simplified conjugation chemistry for coupling peptides to F(ab') fragments: autologous red cell agglutination assay for HIV-1 antibodies," <i>J. Immunol. Methods</i> 175:267-273 (1994).	
	C322	Winnikes <i>et al.</i> , "Head activator as a potential serum marker for brain tumor analysis," <i>Eur. J. Cancer</i> 28:421-424 (1992).	
	C323	Woertgen <i>et al.</i> , "Comparison of serial S-100 and NSE serum measurements after severe head injury," <i>Acta Neurochir (Wien)</i> 139: 1161-1165 (1997).	
	C324	Xu, Y. <i>et al.</i> , "Lysophosphatidic Acid as a potential biomarker for ovarian and other gynecologic cancers," <i>JAMA</i> 280:719-723 (1998).	
	C325	Yamane <i>et al.</i> , "Serum levels of KL-6 as a useful marker for evaluating pulmonary fibrosis in patients with systemic sclerosis," <i>J. Rheumatol.</i> 27:930-4 (2000).	

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	C326	Yamazaki et al., "Alterations of haemostatic markers in various subtypes and phases of stroke," <i>Blood Coagul. Fibrinolysis</i> 4:707-712 (1993).	
	C327	Yap et al., "Contraction to big endothelin-1, big endothelin-2 and big endothelin-3, and endothelin-converting enzyme inhibition in human isolated bronchi," <i>Br. J. Pharmacol.</i> 129:170-7 (2000).	
	C328	Yarmush et al., "Coupling of antibody-binding fragments to solid-phase supports: site-directed binding of F(ab') ₂ fragments," <i>J. Biochem. Biophys. Methods</i> 25:85-97 (1992).	
	C329	Yazdani, S. et al., "Percutaneous interventions alter the hemostatic profile of patients with unstable versus stable angina," <i>J Am Coll Cardiol</i> 30:1284-1287 (1997).	
	C330	Yoneda et al., "Identification of a novel adenylate kinase system in the brain: Cloning of the fourth adenylate kinase," <i>Mol. Brain Res.</i> 62:187-195 (1998).	
	C331	Yoshimoto, K. et al., "Human heart-type cytoplasmic fatty acid-binding protein as an indicator of acute myocardial infarction," <i>Heart Vessels</i> 10:304-309 (1995).	
	C332	Yoshimura et al., "Human monocyte chemoattractant protein-1 (MCP-1)," <i>FEBS Lett.</i> 244:487-493 (1989).	
	C333	Yoshitomi et al., "Plasma levels of adrenomedullin in patients with acute myocardial infarction," <i>Clin. Sci.</i> 94:135-9 (1998).	
	C334	Yukioka et al., "Plasma procalcitonin in sepsis and organ failure," <i>Ann. Acad. Med. Singapore</i> 30:528-31 (2001).	
	C335	Zucker et al., "Increased serum stromelysin-1 levels in systemic lupus erythematosus: lack of correlation with disease activity," <i>J. Rheumatol.</i> 26:78-80 (1999).	

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